

JASON NEAL

Technical Lead, Software Architect, Senior+ Full-Stack Software Development Engineer

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EXPERIENCE

Staff Software Engineer

Rocket Mortgage  2019 - Ongoing  Remote

Languages: TypeScript, JavaScript, PHP, C#, Python, GoLang, Shell, HTML, SCSS

Frameworks: Angular, Node, Express, NestJS, .NET, Cobra

Test Automation: Jest, SuperTest, Postman/Newman, Cypress, Playwright

DevOps: Nx, CircleCI, Docker, Terraform, SonarQube, Snyk, Splunk

- Development of POCs, enablement features, and business features
- Technical lead on multiple top priority and highly impactful projects
- Built Broker Directory which was featured in our Super Bowl ad
- Led our highly successful modernization effort for our Partner Portal
- Key driver behind multiple quality, NFR, and tech standard initiatives
- Built Quality Hub, which is now used by the entire tech team
- Built micro-frontend architecture with federated modules in Angular
- Built dev tools to auto-generate apps and IaC from templates
- Built GitHub automation to help us manage our large suite of repos
- Built AWS IaC using Terraform for ELB, ECS, Lambda, S3, and more
- Collab with infosec to greatly improve security/reduce attack surface
- Constantly implementing changes that improve developer experience
- Active mentor of many high level engineers and technical leaders
- Knowledge sharing via presentations, talks, demos, and more
- Code owner and key contributor in both design and code reviews
- Helped scale products to support business growth from \$7b to \$116b
- Optimized apps to help support traffic increase of over 400%.
- Made improvements that helped org scale from 3 dev teams to 15

Senior Software Engineer

Rocket Mortgage  2017 - 2019  Charlotte, NC

- Always pushed myself and others to improve quality with clean code
- Championed efforts to improve our automated testing strategy
- Migrated CI from Jenkins to CircleCI and improved build times by 80%
- Built app to enable maintainers to show quality badges on their repos
- Implemented pull request templates to help encourage consistency
- Created CLI app to assist with local dev and automate repetitive tasks
- Helped define and maintain our API Design Standards
- Implemented changes to our interview process to improve efficiency
- Implemented automated code quality enforcement into our CI builds
- Spearheaded our code coverage efforts, raising it from 56.4% to 81%
- Improved performance and decreased load times by as much as 92%

SUMMARY


Well-rounded software engineer highly skilled with full-stack web development, architecture, quality, testing, automation, performance, SQL/NoSQL databases, DevOps, developer experience, and more.

Fast learner with a growth mindset thrives in fast-paced environments looking for career opportunities where my 18 years of experience will be valued and enable me to quickly make impactful contributions.

CERTIFICATIONS


AWS Cloud Practitioner

Amazon Web Services

 2023 - Ongoing

AWS Solutions Architect - Associate


Amazon Web Services

 2023 - Ongoing

EDUCATION

B.S. in Software Engineering

Western Governors University

 2023 - Ongoing

Classes in IT/Computer Networking

Greenville Technical College

 2005 - 2006

ACHIEVEMENTS

- 2023 Innovator and Disruptor Award
- 2022 Disruptor Award
- 2019 Rock Honors Nominee for Best Performance - Impacting the Outcome
- 2018 Pride in Excellence Award
- 2017 Gilbies Nominee for Special Achievement - Figuring it Out

Software Engineer

Rocket Mortgage

 2016 - 2017  Charlotte, NC

- Work in PHP, AngularJS, Docker, Redis, Solr, Silex, Symfony, and more
- Decreased our measurable technical debt from 1,175 items to 0
- Increased our unit test code coverage from 24.9% to 56.4%
- Migrated our local dev env into an all inclusive Docker composition
- Updated codebase and internal dependencies to PHP 7
- Built Shipyard to automate our merge and release strategy
- Built a database migration system to automation releases
- Wrote shell scripts to automate tasks/free up time for impactful work
- Reworked onboarding documentation to be more thorough/efficient

Interactive Developer

Erwin Penland

 2012 - 2016  Greenville, SC

Notable Clients: *Advance America (2012-2015), Verizon (2012-2015), Denny's (2013-2015), Upstate SC Alliance (2014-2015), NFL (2014-2015), Chick-fil-A (2015), Confluence Watersports (2012-2013)*

- Developed and maintained websites, microsites, and web apps
- LAMP stack with OO PHP 5, CodeIgniter, MVC architecture, MySQL
- Developed APIs w/ FlightPHP, Runscope for API testing/debugging
- Developed API integrations w/ NetAcuity, TranDotCom, and others
- Developed asynchronous web apps using AJAX and jQuery
- Integrated with CMS including ExpressionEngine, WordPress, Drupal
- Maintained linux web servers on Ubuntu/RHEL using Server Density
- Performance tuning of code, tables, and SQL for high availability
- Helped mitigate security vulnerabilities by employing best practices
- Improved efficiency by implementing functional process changes
- Managed dev, QA, and UAT testing environments
- Helped maintain automated builds and deploys with Jenkins
- Assisted during the hiring process for developers
- Helped train and guide junior developers
- Conducted code reviews to ensure projects maintained high quality
- Maintained repos on Bitbucket using mostly Mercurial and Git
- Often finished projects earlier than estimated saving time and money

Lead Web Developer

Hannush Web

 2008 - 2012  Greenville, SC

- Developed and maintained websites and apps for a variety of clients
- Did frontend (HTML/CSS/JS) and backend (PHP/Joomla/WordPress)
- Worked on projects in classic ASP and ASP.net/C# for Dixon Hughes
- Researched best practices for SEO to ensure code was optimized
- Trained clients to manage their content w/ Joomla and/or WordPress
- Mentored junior developers on best practices and coding standards

FAVORITE QUOTE

Knowledge itself is power
– Sir Francis Bacon

PASSIONS

- Family
- Nature
- Traveling
- PC Gaming
- Astronomy
- Coin Collecting
- Ancient History
- Continuous Learning
- Paranormal Phenomenon

SOFT SKILLS

- Mentoring and Coaching
- Emotional Intelligence
- Time Management
- Conflict Resolution
- Attention to Detail
- Problem Solving
- Communication
- Leadership
- Teamwork
- Resilience
- Flexibility

LEARN MORE



<https://jneal.com>